Title (en)

TOPOLOGY ENGINE STATE TRACKING

Title (de)

TOPOLOGIEMOTORZUSTANDSVERFOLGUNG

Title (fr)

SUIVI D'ÉTAT DE MOTEUR DE TOPOLOGIE

Publication

EP 3132568 A1 20170222 (EN)

Application

EP 15779501 A 20150414

Priority

- US 201461979799 P 20140415
- US 201514682360 A 20150409
- US 2015025755 W 20150414

Abstract (en)

[origin: US2015295774A1] A system for topology state tracking includes a client device requesting network topology information, and a topology engine coupled to one or more network device. The topology engine includes at least one processor, and non-transitory computer readable media having encoded thereon computer software having a set of instructions executable by the at least one processor to perform one or more operations. The set of instructions includes instructions to receive state information associated with at least one network service, generate network topology information based on the state information, determine changes in the network topology for the at least one network service, update the network topology information, provide access to the network topology information by the client device, receive a request for network topology information from the client device, and transmit the network topology information to the client device.

IPC 8 full level

H04L 12/24 (2006.01)

CPC (source: EP US)

H04L 41/12 (2013.01 - EP US); H04L 41/22 (2013.01 - EP US); H04L 43/0817 (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 10153946 B2 20181211; **US 2015295774 A1 20151015**; EP 3132568 A1 20170222; EP 3132568 A4 20171206; US 10523517 B2 20191231; US 2019109770 A1 20190411; WO 2015160810 A1 20151022

DOCDB simple family (application)

US 201514682360 A 20150409; EP 15779501 A 20150414; US 2015025755 W 20150414; US 201816215427 A 20181210